

the transmission between the base station and the user equipment based on the received channel quality indicator.

27. The method as set forth in claim **26**, the method further comprising

selecting, by the base station, the first channel quality indicator table or the second channel quality indicator table based on the selected modulation and coding scheme table, and

transmitting information to the user equipment being indicative for the selected channel quality indicator table.

28. The method as set forth in claim **26**, wherein the first channel quality indicator table and the second channel quality indicator table each comprise a common subset of equal entries being arranged at same positions within the first channel quality indicator table and the second channel quality indicator table.

29. A base station for controlling a modulation and coding scheme for a transmission between the base station and a user equipment, wherein the modulation and coding scheme is selectable based on a first modulation and coding scheme table comprising entries corresponding to a plurality of

modulation and coding schemes with a first maximum modulation order or based on a second modulation and coding scheme table comprising entries corresponding to a plurality of modulation and coding schemes with a second maximum modulation order, the base station comprising

a selection unit being adapted to select the first modulation and coding scheme table or the second modulation and coding scheme table, and

a control unit being adapted to control the modulation and coding scheme for the transmission between the base station and the user equipment based on the selected modulation and coding scheme table.

30. A cellular network system, the cellular network system comprising a base station as set forth in claim **29**.

31. A user equipment for controlling a modulation and coding scheme for a transmission between a base station and the user equipment, comprising

a transceiver unit being adapted to receive, from the base station, information being indicative of a selected modulation and coding scheme table, and

a control unit being adapted to control and configure a transmission based on the received information.

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